



CoreLine Surface-mounted

SM134V LED37S/830 W20L120 IA1 OC

Coreline Surface - 830 warm white - Power supply unit regulating external (PSR)

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe failure and product warranty will become void

Product data

General Information		Connection	
Lamp colour code	830 warm white	Cable	-
Light source replaceable	No	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]
Driver/power unit/transformer	PSR-E [Power supply unit regulating external (PSR)]	Flammability mark	F [For mounting on normally flammable surfaces]
Driver included	Yes	CE mark	CE mark
Optic type	WB [Wide beam]	ENEC mark	ENEC mark
Luminaire light beam spread	81°	Warranty period	5 years
Control interface	Internal (no external connection)		

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Constant light output	No
Number of products on MCB (16 A type B)	24
EU RoHS compliant	Yes
Product family code	SM134V [Coreline Surface]
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Wireless Dim
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Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Textured
Overall length	1170 mm
Overall width	197 mm
Overall height	47 mm
Colour	White
Dimensions (height x width x depth)	47 x 197 x 1170 mm (1.9 x 7.8 x 46.1 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3700 lm
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Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	104.5 lm/W
Lamp colour temperature	3000 K
Colour Rendering Index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	35.4 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L75

Application Conditions

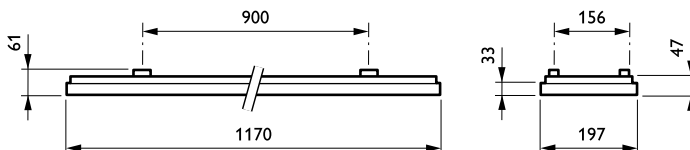
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes

Product Data

Full product code	871869699666900
Order product name	SM134V LED375/830 W20L120 IA1 OC
EAN/UPC – product	8718696996669
Order code	910925865187
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925865187
SAP net weight (piece)	3.400 kg



Dimensional drawing



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